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PATENT
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TECHNOLOGY CENTER R3700

Docket: P-9201.02

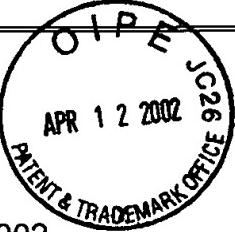
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Schu et al.

Serial No.: 10/0067,570

Filed: February 5, 2002

For: IMPLANTABLE MEDICAL DEVICE INCORPORATING SELF-TIMED LOGIC



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington D.C. 20231

Dear Sir:

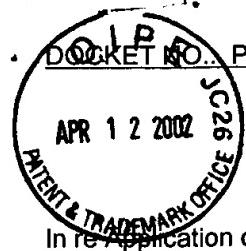
In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 et. seq., the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

Date: 04/08/02

By: Girma Wolde-Michael
Girma Wolde-Michael
Reg. No. 36,724
#27581
Telephone: (763) 514-6402



1615

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

In re Application of: Schu et al.

For: IMPLANTABLE MEDICAL DEVICE INCORPORATING SELF-TIMED LOGIC
Serial No.: 10/067,570
Filed: February 5, 2002

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this INFORMATION DISCLOSURE STATEMENT and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on this

8th day of April, 2002.


Signature
Sue McCoy

Printed Name

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

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MAY 06 2002

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FEE CALCULATION

- \$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
 \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
 \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
 \$180.00 Pursuant to 37 CFR §1.97(c) without Certification
 \$180.00 Pursuant to 37 CFR §1.97(d) with Certification

- Applicant hereby petitions for a months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
- Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

04/08/02

Date



Girma Wolde-Michael

Reg. No. 36,724

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TECH CENTER 1600/2900

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FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: P-9201.02	SERIAL NO.: 10/067,570
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		RECEIVED MAY 06 2002 TECH CENTER 1600/2900 APR 16 2002 RECEIVED APR 16 2002		
		APPLICANT: Schu et al.		
		FILING DATE: February 5, 2002	GROUP:	



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE ISSUED	INVENTOR NAME	U.S. CLASS	U.S. SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	5,986,466	11/16/99	Sobelman et al	326	39	
	AB	5,822,609	10/13/98	Richter	395	800.35	
	AC	5,752,070	05/12/98	Martin et al.	395	800	
	AD	5,655,090	08/05/97	Weingart	395	800.25	
	AE	5,305,463	04/19/94	Fant et al.	395	800	
	AF	5,186,169	02/16/93	Schaldach	128	419 PG	
	AG	5,014,057	05/07/91	Mintzer	341	161	
	AH	4,515,159	05/07/85	McDonald et al.	128	419 PG	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE PUBLIC-ATION	COUNTRY	INT. CLAS-S	INT. SUB-CLASS	TRANSLATION	
							YES	NO
	AH	EP 0 911 061 A2	28.04.99	EP	A61N	1/36		
	AI	GB 2 335 293 A	15.09.99	UK	G06F	1/32		
	AJ	GB 2 330 673 A	28.04.99	UK	G06F	9/22 9/38		

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

		"Clockless Logic Overview," @ http://www.sanders.com/hpc/CL/Overview.html
		Cogency Technology, @ http://www.cogency.co.uk/tech/index.html , © 1999, 8 p.
		Fant et al., "NULL Convention Logic™," Theseus Logic, Inc., 1997, 35 p.
		Jacobs et al., "A Fully Asynchronous Digital Signal Processor Using Self-Timed Circuits," <u>IEEE Journal of Solid-State Circuits</u> , vol. 25, no. 6, p. 1526-1537 (December 1990)
		Wang et al., "Technology Independent Design Using NULL Convention Logic™," Theseus Logic, Inc., 10/19/98, 19 p.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	